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Terms	Documents
L7 and crystalline	3

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 US Patents Full-Text Database
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 Derwent World Patents Index
 IBM Technical Disclosure Bulletins

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L8



Refine Search

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Search History

DATE: Wednesday, November 30, 2005 [Printable Copy](#) [Create Case](#)

Set Name **Query**
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 result set

DB=USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ

L8 L7 and crystalline 3 L8

L7 15 and (562/\$ or 514/\$) 24 L7

L6 L5 and (polymorph\$6 or orthorhombic\$5) 0 L6

L5 phenoxyalkyl carboxy\$8 57 L5

L4 PHENOXYALKYLCARBOXYL 0 L4

DB=USPT; PLUR=YES; OP=ADJ

L3 4985585 2 L3

L2 4985585.pn. 1 L2

DB=PGPB; PLUR=YES; OP=ADJ

L1 20040267041 1 L1

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Search Results - Record(s) 1 through 3 of 3 returned.

☐ 1. Document ID: US 5707989 A

Using default format because multiple data bases are involved.

L8: Entry 1 of 3

File: USPT

Jan 13, 1998

US-PAT-NO: 5707989

DOCUMENT-IDENTIFIER: US 5707989 A

TITLE: Pyrimido[5,4-D]pyrimidines, medicaments comprising these compounds, their use and processes for their preparation

DATE-ISSUED: January 13, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Himmelsbach; Frank	Mittelbiberach			DE
von Ruden; Thomas	Wien			AT
Dahmann; Georg	Biberach			DE
Metz; Thomas	Wien			AT

US-CL-CURRENT: [514/228.2](#); [514/183](#), [514/234.2](#), [514/262.1](#), [514/81](#), [544/122](#), [544/61](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 2. Document ID: US 5177106 A

L8: Entry 2 of 3

File: USPT

Jan 5, 1993

US-PAT-NO: 5177106

DOCUMENT-IDENTIFIER: US 5177106 A

TITLE: 4-amino substituted phenoxyalkyl carboxylic acid, ester, and alcohol derivatives as antihypercholesterolemic and antiatherosclerotic agents

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 3. Document ID: US 5166398 A

L8: Entry 3 of 3

File: USPT

Nov 24, 1992

US-PAT-NO: 5166398

DOCUMENT-IDENTIFIER: US 5166398 A

TITLE: 4-oxy-substituted phenoxyalkyl carboxylic acid, ester, and alcohol derivatives as antihyper-cholesterolemic and antiatherosclerotic agents

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
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Terms

Documents

L7 and crystalline

3

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(FILE 'HOME' ENTERED AT 10:28:49 ON 30 NOV 2005)

L1 FILE 'CAPLUS' ENTERED AT 10:28:57 ON 30 NOV 2005
STRUCTURE UPLOADED
S L1

L2 FILE 'REGISTRY' ENTERED AT 10:29:50 ON 30 NOV 2005
10 S L1 FULL

L3 FILE 'CAPLUS' ENTERED AT 10:29:53 ON 30 NOV 2005

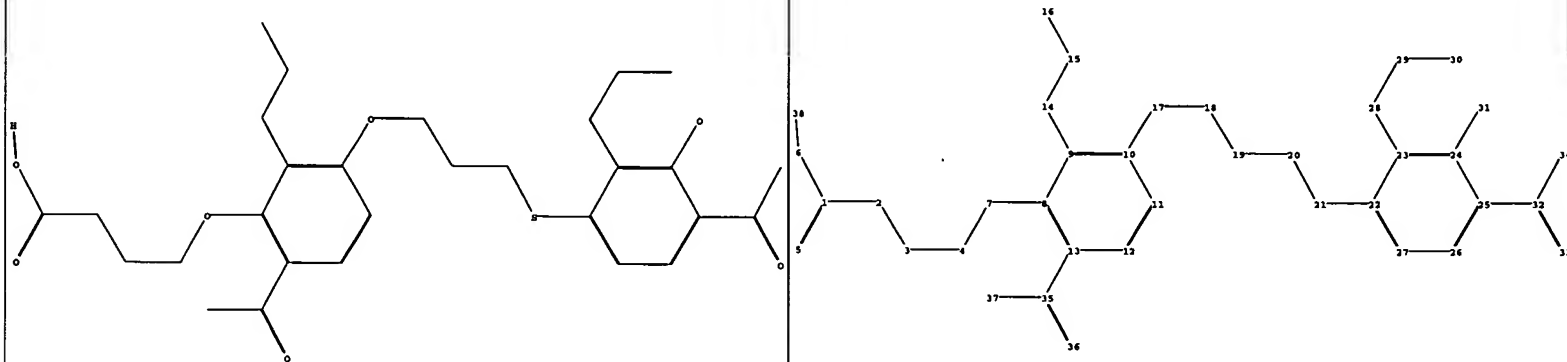
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7 S L3 AND PY<2003

0 S L4 AND ORTHORHOMBIC

0 S L4 AND POLYMORPH?

=>



chain nodes :

38

ring nodes :

8 9 10 11 12 13 22 23 24 25 26 27

ring/chain nodes :

1 2 3 4 5 6 7 14 15 16 17 18 19 20 21 28 29 30 31 32 33 34 35 36 37

chain bonds :

6-38

ring/chain bonds :

1-2 1-5 1-6 2-3 3-4 4-7 7-8 9-14 10-17 13-35 14-15 15-16 17-18 18-19 19-20
20-21 21-22 23-28 24-31 25-32 28-29 29-30 32-33 32-34 35-36 35-37

ring bonds :

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exact/norm bonds :

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35-37

exact bonds :

4-7 6-38 7-8 10-17 17-18 20-21 21-22 24-31 32-33 35-36

normalized bonds :

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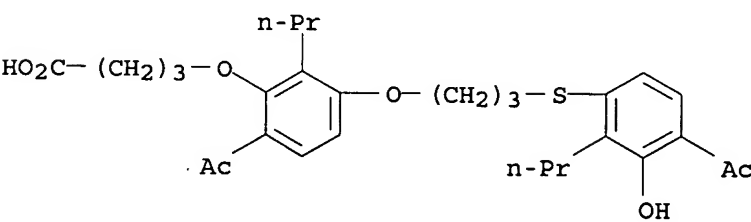
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11:Atom 12:Atom 13:Atom 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS 19:CLASS
20:CLASS 21:CLASS 22:Atom 23:Atom 24:Atom 25:Atom 26:Atom 27:Atom 28:CLASS
29:CLASS 30:CLASS 31:CLASS 32:CLASS 33:CLASS 34:CLASS 35:CLASS 36:CLASS 37:CLASS
38:CLASS

=> d 14 1-7 ibib abs hitstr

L4 ANSWER 1 OF 7 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2001:564826 CAPLUS
DOCUMENT NUMBER: 135:142249
TITLE: Eye drop compositions containing leukotriene antagonist KCA-757
INVENTOR(S): Kodaira, Hiromichi; Kozuka, Hitoshi
PATENT ASSIGNEE(S): Kyorin Pharmaceutical Co., Ltd., Japan
SOURCE: PCT Int. Appl., 17 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001054684	A1	20010802	WO 2001-JP430	20010124 <--
W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
CA 2397755	AA	20010802	CA 2001-2397755	20010124 <--
AU 2001028804	A5	20010807	AU 2001-28804	20010124 <--
EP 1250924	A1	20021023	EP 2001-946788	20010124 <--
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
TW 526061	B	20030401	TW 2001-90101616	20010129
US 2003083378	A1	20030501	US 2002-181436	20020725
PRIORITY APPLN. INFO.:			JP 2000-17403	A 20000126
			WO 2001-JP430	W 20010124
AB	Disclosed are eye drops containing a potent and selective leukotriene antagonist. Specifically, stable eye drops of an aqueous solution or suspension type, containing as the active ingredient 4-[6-acetyl-3-[3-[(4-acetyl-3-hydroxy-2-propylphenyl)thio]-propoxy]-2-propylphenoxy]butyric acid (KCA-757). An eye drop composition containing KCA-757 0.5 g, 0.1 M NaOH 20 mL, potassium dihydrogenphosphate 0.004, sodium hydrogenphosphate 0.089, NaCl 0.8 g, and 0.1 M HCl q.s. to pH 8.5, and water q.s. to 100 mL was formulated.			
IT	125961-82-2 RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses) (eye drop compns. containing leukotriene antagonist KCA-757)			
RN	125961-82-2 CAPLUS			
CN	Butanoic acid, 4-[6-acetyl-3-[3-[(4-acetyl-3-hydroxy-2-propylphenyl)thio]propoxy]-2-propylphenoxy]- (9CI) (CA INDEX NAME)			

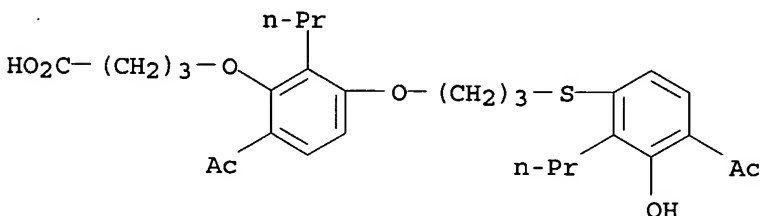


REFERENCE COUNT: 25 THERE ARE 25 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

ACCESSION NUMBER: 1999:205557 CAPLUS
 DOCUMENT NUMBER: 130:287054
 TITLE: Powder inhalants containing
 [(propylphenyl)thio]propoxy]propylphenoxybutyrate for
 the treatment of asthma
 INVENTOR(S): Hoshino, Ryoichi
 PATENT ASSIGNEE(S): Kyorin Pharmaceutical Co., Ltd., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 6 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 11079985	A2	19990323	JP 1997-251280	19970901 <--
PRIORITY APPLN. INFO.:			JP 1997-251280	19970901

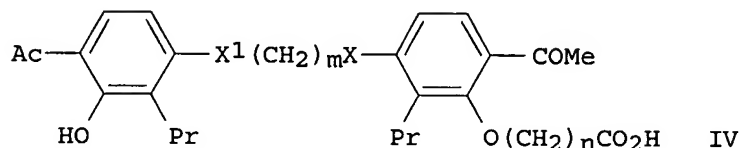
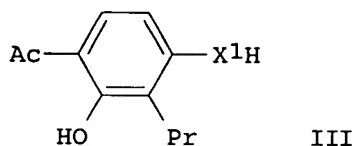
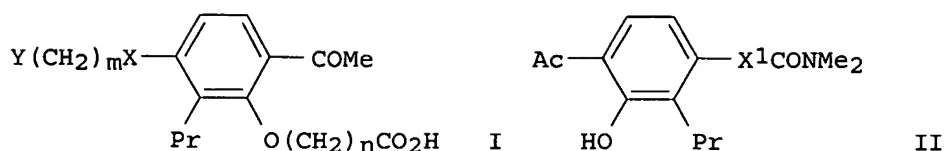
AB Powder inhalants for the treatment of asthma comprise powdery
 4-[6-acetyl-3-[3-(4-acetyl-3-hydroxy-2-propylphenylthio)propoxy]-2-
 propylphenoxy]butyric acid (I) as an active ingredient. I in combination
 with lubricants is suspended in an aqueous solution of polymers and spray dried
 to give a fine powder having an average particle diam $\leq 6 \mu\text{m}$. The
 powders show little self-cohesive properties and little adhesion to a
 dispersing device. Hydroxypropyl Me cellulose 1.5 g was dissolved in 380
 g distilled water and to the solution 0.5 g sucrose fatty acid ester was added,
 followed by 18 g I. The dispersion was subjected to a high-pressure
 homogenization and spray-drying to give a dry powder inhalant.
 IT 125961-82-2
 RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (manufacture of antiasthmatic powder inhalants containing
 [(propylphenyl)thiopropoxy]propylphenoxybutyrate and polymers and
 lubricants)
 RN 125961-82-2 CAPLUS
 CN Butanoic acid, 4-[6-acetyl-3-[3-[(4-acetyl-3-hydroxy-2-
 propylphenyl)thio]propoxy]-2-propylphenoxy]- (9CI) (CA INDEX NAME)



L4 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 1996:379374 CAPLUS
 DOCUMENT NUMBER: 125:58104
 TITLE: Preparation of phenoxycarboxylic acid derivatives as
 antiallergy agents
 INVENTOR(S): Matsumoto, Toyomi; Ishiguro, Juji; Myashita, Kunio;
 Kitamura, Genichi
 PATENT ASSIGNEE(S): Kyorin Seiyaku Kk, Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 4 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 08081412	A2	19960326	JP 1994-244636	19940913 <--
PRIORITY APPLN. INFO.:			JP 1994-244636	19940913
OTHER SOURCE(S):			CASREACT 125:58104; MARPAT 125:58104	

GI



AB The title derivs. IV ($m = 2-5$; $n = 3-8$; $X_1 = S, O$; $X = O, S, SO, SO_2$; $X_1 = X \neq O$), useful as antiallergy agents (no data), are prepared by treating phenoxycarboxylic acids I ($Y = \text{halo}$) with hydroxybenzenes III, which is formed by hydrolysis of hydroxyphenyl carbamates II, in one pot. A mixture of 10 g S-(4-acetyl-3-hydroxy-2-propylphenyl) N,N-dimethylthiocarbamate and KOH in H_2O was treated at 95° for 1.5 h, then treated with 12.7 g 4-[6-acetyl-3-hydroxy-3-(3-chloropropoxy)-2-propylphenoxy]butyric acid at $35-40^\circ$ for 21 h to give 15.2g 4-[6-acetyl-3-(3-(4-acetyl-3-hydroxy-2-propylphenylthio)propoxy)-2-propylphenoxy]butyric acid.

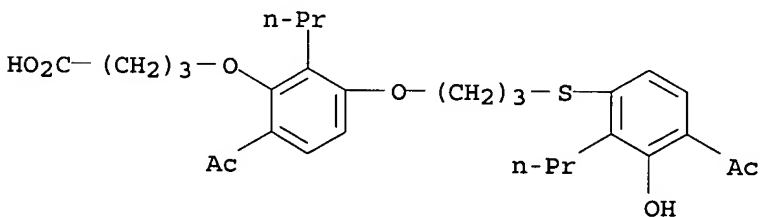
IT 125961-82-2P

RL: IMF (Industrial manufacture); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of phenoxycarboxylic acid as antiallergy agent from phenoxycarboxylate and hydroxyphenyl carbamate)

RN 125961-82-2 CAPLUS

CN Butanoic acid, 4-[6-acetyl-3-[3-[(4-acetyl-3-hydroxy-2-propylphenyl)thio]propoxy]-2-propylphenoxy]- (9CI) (CA INDEX NAME)



L4 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1995:403614 CAPLUS

DOCUMENT NUMBER: 122:290448

TITLE: Preparation of (acetylpropylphenoxy)alkanoic acids as intermediates for antiallergic leukotriene antagonists
INVENTOR(S): Matsumoto, Toyomi; Aizawa, Yasuhiro; Matsukubo, Hiroshi

PATENT ASSIGNEE(S): Kyorin Seiyaku Kk, Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 3 pp.

CODEN: JKXXAF

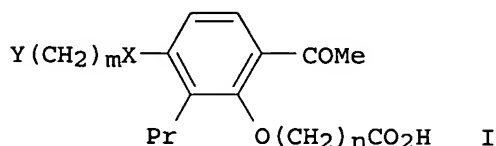
DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 06345682	A2	19941220	JP 1993-166354	19930611 <--
PRIORITY APPLN. INFO.:			JP 1993-166354	19930611
OTHER SOURCE(S):	MARPAT 122:290448			
GI				



AB The title compds. I (m = 2-5; n = 3-8; X = O, S, SO, SO₂; Y = halo) are claimed. An aqueous NaOH solution was added dropwise to an EtOH solution of 4-[6-acetyl-3-(3-chloropropoxy)-2-propylphenoxy]butyric acid Et ester (preparation given) at 18-28° and the reaction mixture was stirred at room temperature for 2 h to give 91% 4-[6-acetyl-3-(3-chloropropoxy)-2-propylphenoxy]butyric acid (II). II (21.4 g) and 15.1 g 2-hydroxy-4-mercapto-3-propylacetophenone were dissolved in DMF and the solution was treated with K₂CO₃ under stirring at room temperature for 3 h to give 24.4 g 4-[6-acetyl-3-[3-(4-acetyl-3-hydroxy-2-propylphenylthio)propoxy]-2-propylphenoxy]butyric acid as a leukotriene antagonist.

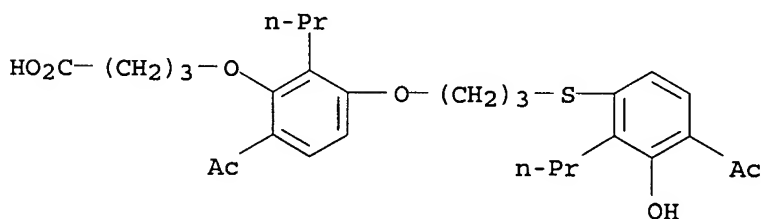
IT 125961-82-2P

RL: IMF (Industrial manufacture); SPN (Synthetic preparation); PREP (Preparation)

(preparation of (acetylpropylphenoxy)alkanoic acids as intermediates for leukotriene antagonists)

RN 125961-82-2 CAPLUS

CN Butanoic acid, 4-[6-acetyl-3-[3-[(4-acetyl-3-hydroxy-2-propylphenyl)thio]propoxy]-2-propylphenoxy]- (9CI) (CA INDEX NAME)



L4 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1995:39068 CAPLUS

DOCUMENT NUMBER: 123:169347

TITLE: preparation of phenylthiopropoxyphenyloxybutyric acid derivatives as leukotriene antagonists

INVENTOR(S): Oohashi, Mitsuo; Hori, Wataru

PATENT ASSIGNEE(S): Kyorin Seiyaku Kk, Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 13 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

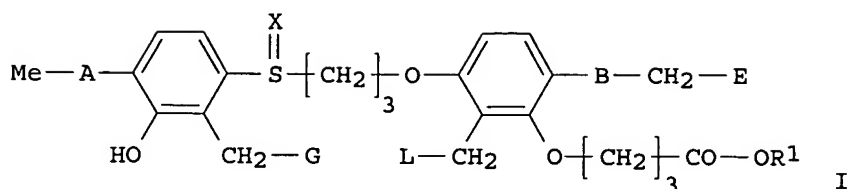
LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 06100526	A2	19940412	JP 1992-273717	19920917 <--
PRIORITY APPLN. INFO.:			JP 1992-273717	19920917
OTHER SOURCE(S):	MARPAT 123:169347			

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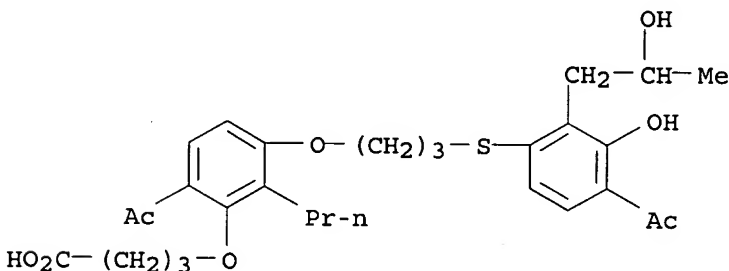
AB Title derivs. I (A, B = CO, hydroxymethylene; E = H, OH, acetoxy; G, L = Et, acetyl, 1-hydroxyethyl, 2-hydroxyethyl, hydroxycarbonylmethyl, lower alkoxy-carbonylmethyl; X = void, O, O₂; R¹ = H, lower alkyl; X = O, O₂ and B = hydroxymethylene when A = carbonyl, E = H, and G = L = Et) or their alkali salts, acting as strong antagonists for leukotrienes C₄, D₄, and E₄ and useful for antiasthmatics, are prepared Thus, treating 2'-hydroxy-3'-(2-hydroxypropyl)-4'-mercaptoacetophenone (prepared in 6 steps from 3-allyl-2,4-dihydroxyacetophenone) with Et 4-[6-acetyl-3-(3-bromopropoxy)-2-propylphenoxy]butyrate gave I (A = B = CO, E = H, G = 1-hydroxyethyl, L = Et, R¹ = Et, X = void).

IT 167211-62-3P 167211-73-6P 167211-79-2P
167211-83-8P 167211-94-1P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of phenylthiopropoxyphenyloxybutyric acid derivs. as leukotriene antagonists)

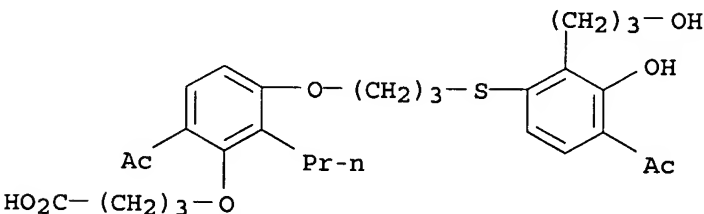
RN 167211-62-3 CAPLUS

CN Butanoic acid, 4-[6-acetyl-3-[3-[[4-acetyl-3-hydroxy-2-(2-hydroxypropyl)phenyl]thio]propoxy]-2-propylphenoxy]- (9CI) (CA INDEX NAME)



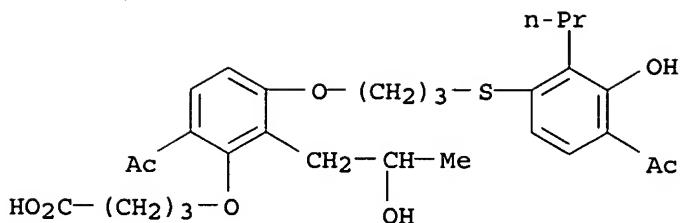
RN 167211-73-6 CAPLUS

CN Butanoic acid, 4-[6-acetyl-3-[3-[[4-acetyl-3-hydroxy-2-(3-hydroxypropyl)phenyl]thio]propoxy]-2-propylphenoxy]- (9CI) (CA INDEX NAME)

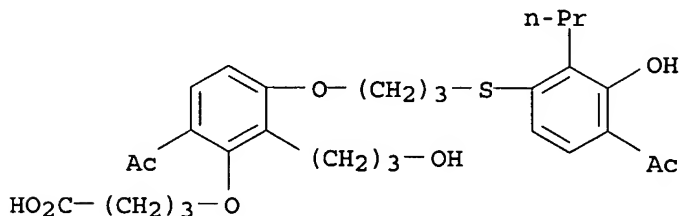


RN 167211-79-2 CAPLUS

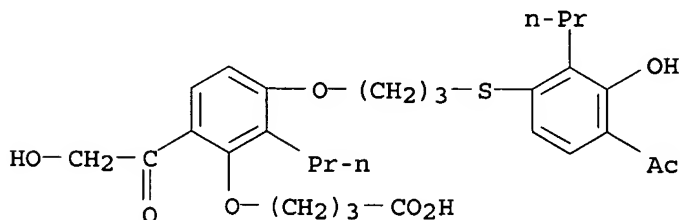
CN Butanoic acid, 4-[6-acetyl-3-[3-[[4-acetyl-3-hydroxy-2-propylphenyl]thio]propoxy]-2-(2-hydroxypropyl)phenoxy]- (9CI) (CA INDEX NAME)



RN 167211-83-8 CAPLUS
 CN Butanoic acid, 4-[6-acetyl-3-[3-[(4-acetyl-3-hydroxy-2-propylphenyl)thio]propoxy]-2-(3-hydroxypropyl)phenoxy]- (9CI) (CA INDEX NAME)



RN 167211-94-1 CAPLUS
 CN Butanoic acid, 4-[3-[3-[(4-acetyl-3-hydroxy-2-propylphenyl)thio]propoxy]-6-(hydroxyacetyl)-2-propylphenoxy]- (9CI) (CA INDEX NAME)



L4 ANSWER 6 OF 7 CAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 1990:138760 CAPLUS
 DOCUMENT NUMBER: 112:138760
 TITLE: Preparation of phenoxyalkylcarboxylic acid derivatives as antiallergic agents
 INVENTOR(S): Ohashi, Mitsuo; Awano, Katsuya; Tanaka, Toshio; Kimura, Tetsuya
 PATENT ASSIGNEE(S): Kyorin Pharmaceutical Co., Ltd., Japan
 SOURCE: Eur. Pat. Appl., 32 pp.
 CODEN: EPXXDW
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 332109	A1	19890913	EP 1989-103897	19890306 <--
EP 332109	B1	19911204		
R: BE, CH, DE, ES, FR, GB, IT, LI, NL, SE				
JP 02001459	A2	19900105	JP 1989-38912	19890218 <--
JP 07116125	B4	19951213		
US 4985585	A	19910115	US 1989-313900	19890223 <--
AU 8930884	A1	19890907	AU 1989-30884	19890301 <--
AU 617439	B2	19911128		
CA 1331763	A1	19940830	CA 1989-592555	19890302 <--

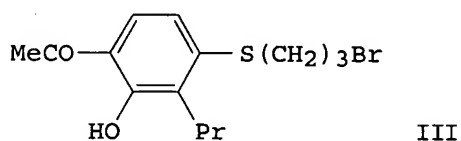
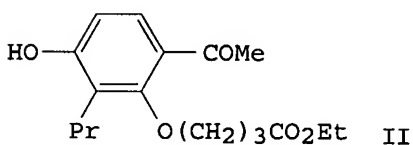
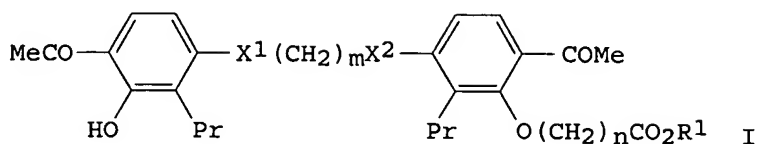
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HU 204030	B	19911128		
HU 208418	B	19931028	HU 1991-2410	19890303 <--
HU 208524	B	19931129	HU 1991-2411	19890303 <--
ES 2045219	T3	19940116	ES 1989-103897	19890306 <--
CN 1036560	A	19891025	CN 1989-101301	19890307 <--
CN 1022407	B	19931013		

PRIORITY APPLN. INFO.:

JP 1988-53374	A	19880307
HU 1989-1039	A3	19890303

OTHER SOURCE(S): MARPAT 112:138760

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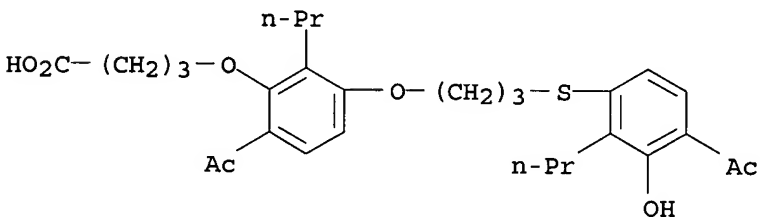
AB The title compds. (I; R1 = H, Me, Et; X1, X2 = O, S, SO, SO2; X1 = X2 ≠ O; m = 2-5; n = 3-8), useful as antiallergic agents, are prepared. A mixture of phenoxybutyrate II, bromopropyl thioether III, KI, and K2CO3 in Me2CO was refluxed to give 72.4% I (R1 = Et, X1 = S, X2 = O, m = n = 3). I showed 66.7-96.2% inhibition of leukotriene D4-induced bronchoconstriction at 50 mg/kg p.o. in guinea pigs. Addnl. 70 I were also prepared

IT 125961-82-2P 125961-92-4P 125961-93-5P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of, as antiallergic agent)

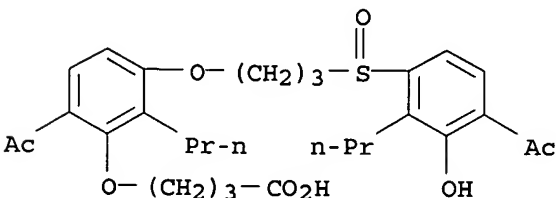
RN 125961-82-2 CAPLUS

CN Butanoic acid, 4-[6-acetyl-3-[3-[(4-acetyl-3-hydroxy-2-propylphenyl)thiolpropoxy]-2-propylphenoxy]- (9CI) (CA INDEX NAME)

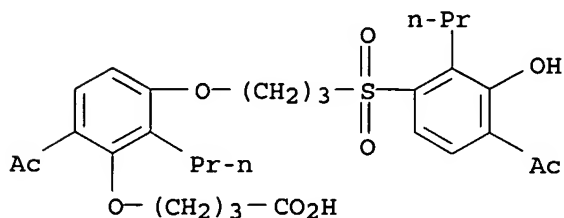


RN 125961-92-4 CAPLUS

CN Butanoic acid, 4-[6-acetyl-3-[3-[(4-acetyl-3-hydroxy-2-propylphenyl)sulfinylpropoxy]-2-propylphenoxy]- (9CI) (CA INDEX NAME)



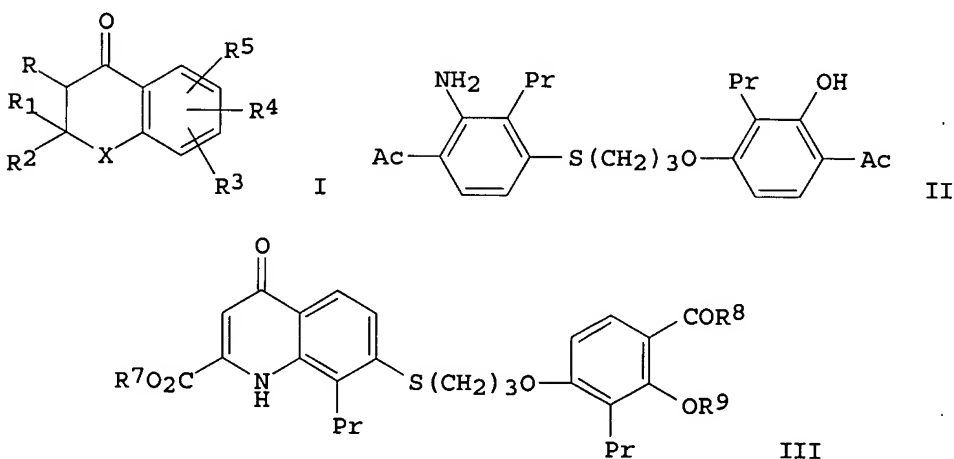
RN 125961-93-5 CAPLUS
 CN Butanoic acid, 4-[6-acetyl-3-[3-[(4-acetyl-3-hydroxy-2-propylphenyl)sulfonyl]propoxy]-2-propylphenoxy]- (9CI) (CA INDEX NAME)



L4 ANSWER 7 OF 7 CAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 1983:575604 CAPLUS
 DOCUMENT NUMBER: 99:175604
 TITLE: Anti-SRS-A carboxylic acid derivatives and pharmaceutical formulations containing them
 INVENTOR(S): Bantick, John Raymond
 PATENT ASSIGNEE(S): Fisons Ltd., UK
 SOURCE: Eur. Pat. Appl., 67 pp.
 CODEN: EPXXDW
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

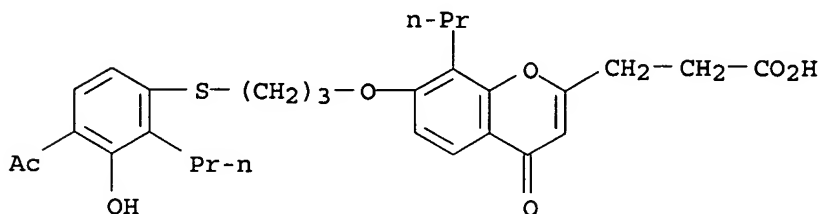
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 79637	A1	19830525	EP 1982-201368	19821101 <--
EP 79637	B1	19870128		
R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
US 4474788	A	19841002	US 1982-438163	19821101 <--
AT 25251	E	19870215	AT 1982-201368	19821101 <--
JP 58090557	A2	19830530	JP 1982-196883	19821111 <--
PRIORITY APPLN. INFO.:			GB 1981-34186	A 19811112
			EP 1982-201368	A 19821101

GI

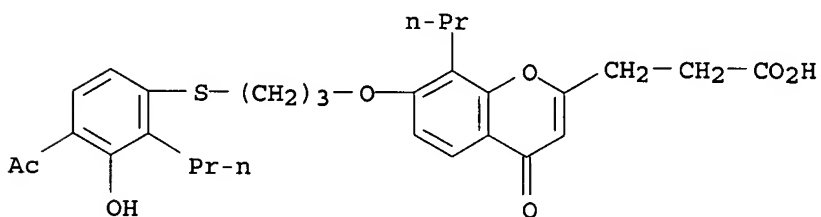


AB Anti-allergy (no data) bicyclic compds. I [R, R1 = H, alkyl; RR1 = bond; R2 = CO2H, carboxyalkyl; R3 = substituted OH, SH, NH2; R4, R5 = H, halogen, (un)substituted OH, NH2, alkyl, acyl; X = S, O, NR6 (R6 = H, alkyl)] were prepared Thus, 3,2,4-Pr(HO)2C6H2Ac reacted with 4,2,3-AcPr(H2N)C6H2S(CH2)3Br to give phenol II, which cyclized with EtO2CCO2Et to give quinoline III [R7 = Et, R8R9 = CH:C(CO2Et)]. The latter compound gave III (R7 = H, R8 = Me, R9 = H) on hydrolysis.

IT 87472-35-3P 87472-36-4P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of)
 RN 87472-35-3 CAPLUS
 CN 4H-1-Benzopyran-2-propanoic acid, 7-[3-[(4-acetyl-3-hydroxy-2-propylphenyl)thio]propoxy]-4-oxo-8-propyl- (9CI) (CA INDEX NAME)



RN 87472-36-4 CAPLUS
 CN L-Lysine, mono[7-[3-[(4-acetyl-3-hydroxy-2-propylphenyl)thio]propoxy]-4-oxo-8-propyl-4H-1-benzopyran-2-propanoate] (9CI) (CA INDEX NAME)
 CM 1
 CRN 87472-35-3
 CMF C29 H34 O7 S



CM 2
 CRN 56-87-1
 CMF C6 H14 N2 O2

Absolute stereochemistry.

